

October 4, 1967

**MINE INSPECTION REPORT  
PAGUAZ MINE  
UNITED PUEBLO AGENCY  
LAGUNA PUEBLO RESERVATION  
VALENCIA COUNTY, NEW MEXICO**

**LAGUNA PUEBLO  
LEASE**

Confidential Claim Retracted

Authorized by: SC

Date: 6/20/13

by  
James W. Hager  
Mining Engineer

**U. S. DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
BRANCH OF MINING OPERATIONS  
CONSERVATION DIVISION**

On September 27, 1967, accompanied by engineers of the Bureau of Mines, I examined the Paguatz Mine. The mine is operated by the Anaconda Company who holds the mining lease on the Laguna Reservation. The mine is reached by traveling 8.5 miles north of the Old Laguna Pueblo on U. S. Highway 66. The last examination of the mine by engineers of this office was July 25, 1967.

Since date of last examination the rate of stripping has been increased. One six-yard electric shovel and one six-yard front-end loader were being used to load from the upper bench on the western extension of the pit. Experimental 50-ton trucks were being loaded by the six-yard shovel. The older 25-ton trucks were loaded by the front-end loader.

Ore was ripped by D-9 dozers and loaded into 25-ton trucks to be hauled to the stockpiles. The ripper plows the ore to a depth of 2 feet and a six-yard front-end loader can pick the ore up directly from the pit without any dozer work as had been found necessary before the big loaders were available.

A computer system has been developed to calculate ore reserves. A program has been set up to calculate reserve tonnages for any price of yellow cake. Within a short time the ore tonnage available for mining when yellow cake is sold for \$4 per pound, or any other price can be estimated.



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CONFIDENTIAL

The mine operated 5 days a week and employed 93 men. About 3,000 tons of ore are produced daily. No safety violations or violations of lease terms were noted during the examination.

James W. Hager  
Mining Engineer

Orig. to: Supt., United Pueblo, Albuquerque  
cc: Comm., Office of Indian Affairs  
: Chief, Branch of Mining Operations  
: Bureau of Mines, Denver  
: Files